

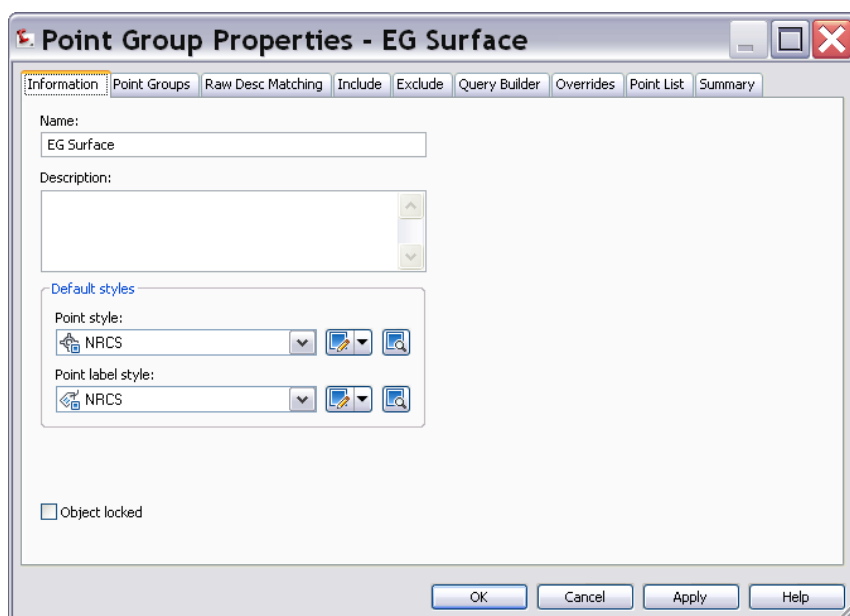
CREATING A NEW POINT GROUP

To create a new point group, right click on the *Point Groups* header on the *Prospector* tab in *Toolspace* and select *New...* This will open the *Point Group Properties* window, where you will establish the settings that control the point group. Below is a summary of the commonly used tabs in the *Point Groups Properties* window and some of the settings that can be controlled in those tabs.

An existing point group can also be copied by right clicking on a point group and selecting *Copy...* from the shortcut menu. The new point group that is created can then be modified by right clicking on it and selecting *Properties...* to open the *Point Group Properties* window.

- Information tab

In this tab, you can provide a name and description for the point group and specify the point style and point label style that are used to control the display of the point in the drawing.



- Include tab

In this tab you control the points included in the point group based on characteristics such as point number, elevation, point name, raw description or full description.

Individual point numbers are separated by commas, and point number ranges are specified by providing the beginning and ending point number separated by a dash.

Asterisks can be used as wildcard characters when specifying raw description and full description matching. For example, a raw description matching code of 01* will select any text that starts with the string 01. This would include '01 TBM' and '01TBM' but not 'TBM 01'.

If you don't know the point numbers or descriptions, or you just need to grab a selection of points, the "Selection Set in Drawing" button is your answer. When you select the "With numbers matching" box, the button becomes selectable. By clicking the button, you have the opportunity to select points directly from the drawing. The command line prompts you to select objects. You can draw a box to select a group of points, or you can select points individually. Once you are finished selecting, hit Enter and you will return to the *Point Group Properties* window.

This help sheet was obtained courtesy of the Minnesota NRCS Engineering Division and has been modified for use in Wisconsin.

CREATING A NEW POINT GROUP

Point Group Properties - EG Surface

Information | Point Groups | Raw Desc Matching | **Include** | Exclude | Query Builder | Overrides | Point List | Summary

☒ With numbers matching: 2-176, 1000-1299, 3000-3007, 5505
 Selection Set in Drawing >> Project Points in Window >>

☐ With elevations matching:

☐ With names matching:

☒ With raw descriptions matching: g, G, gs, GS, eg, EG, grnd, GRND, g*, G*

☐ With full descriptions matching:

☐ Include all points

OK Cancel Apply Help

- **Exclude tab**

This tab is used to exclude specific points from the point group. This is useful when creating a point group that will exclude points that do not lie on the ground surface such as pipe flowlines, the top of slabs or well casings, or points with a zero elevation. An example of this is shown below, which is a point group used to develop an existing ground surface. The same rules for specifying point numbers and using wildcards apply on the *Exclude* tab as on the *Include* tab.

Point Group Properties - EG Surface

Information | Point Groups | Raw Desc Matching | Include | **Exclude** | Query Builder | Overrides | Point List | Summary

☒ With numbers matching: 4000-5000
 Selection Set in Drawing >> Project Points in Window >>

☐ With elevations matching:

☐ With names matching:

☒ With raw descriptions matching: CONC*, conc*, wall*, WALL*, POLE, pole

☐ With full descriptions matching:

OK Cancel Apply Help

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